Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 22 Aug 2022 until 23:59 on Tuesday 23 Aug 2022

Forecast Issued on Sunday 21 Aug 2022 at 12:26

Confidence: Moderate confidence in the weather story, but low confidence in precipitation detail overnight and through Monday, then again during the outlook period.

Headline for Monday 22 Aug 2022: Mostly cloudy with rain showers.

Mountain weather hazards on Monday 22 Aug 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light rain showers (night)	Light rain showers	Light rain showers	Heavy rain showers	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability							
10%	30%	30%	20%	60%	60%	40%	20%

Forecast for Monday 22 Aug 2022

Weather: Showers developing during the early hours of the morning, light at first but possibly heavy by dawn. Into the morning, showers are likely to become more widespread, heavy at times with a low risk of thundery. Cloud gradually thickening and lowering across the summits. This low cloud is expected to persist through the afternoon, before clearing eastwards into the evening as precipitation becomes lighter and more drizzly. Skies will mostly clear overnight, although patches of low cloud may linger over hill tops.

Chance of cloud-free hill tops above 600m: 90% deteriorating to 50% by midday. Improving to 70% by evening.

Low cloud and visibility: Good visibility at first, possibly moderate in heavy showers. As cloud base lowers to around 600m visibility over the summits will become poor. Improving to good for most areas by evening, however remaining poor in patches of low cloud base 300-400m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 22 Aug 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 SE	12/16 SE	11/17 S	12/17 S	14/21 S	13/18 S	9/14 S	7/10 SW	8/12 SW
300	5/8 SE	7/11 SE	8/14 S	10/16 S	11/18 S	10/16 S	6/11 S	4/6 S	6/10 SW
Valley	3/7 E	5/11 SE	5/12 SE	7/15 S	8/17 S	6/14 S	4/10 S	3/7 S	4/8 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/11	12/10	12/10	13/11	14/12	15/13	15/14	14/13	13/12
300	14/14	14/13	14/13	16/14	16/15	17/16	17/17	16/16	16/15
Valley	14/14	14/14	15/15	16/16	17/16	18/18	18/18	16/17	16/16
Freezing Level*	2900m	2900m	2900m	3100m	3100m	3100m	3000m	2900m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A mixed day with showers for many. Brief periods of sunshine possible late afternoon and evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 21 Aug 2022	0.6mm	0.6mm	4.6mm

Forecast for Tuesday 23 Aug 2022

Weather: Low cloud possible with misty conditions across the summits at first. Then a generally bright day with variable amounts of high cloud. Dry for many, although some fair weather cloud may develop enough for a light shower at times during the afternoon. Milder than Monday.

Maximum wind: South-westerly 12mph gusting 20mph.

Chance of cloud-free hill tops above 600m: 60% increasing to >95%.

Low cloud and visibility: Moderate at first with low cloud hovering around 600m, improving to good through the remainder of the day.

Temperature: **Valleys:** Plus 13 Celsius increasing to 19 Celsius.
At 600m: Plus 14 Celsius
Freezing level: Above summits

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